

**ABSTRACT OF THE INVENTION**

An embedded centrifugal cooling device is disclosed. The  
5 embedded centrifugal cooling device includes a heat sink and  
a centrifugal fan. The heat sin includes a plurality of  
cooling fins defining a cavity. The centrifugal fan is formed  
in the cavity so as to be embedded into the heat sink. The  
present invention further includes a cover formed on the heat  
10 sink and the centrifugal fan to keep airtight substantially.